(a) an antenna that comprises a steering device for steering the antenna toward the at least one satellite in response to control signals supplied thereto;

(b) an antenna controller to provide the control signals to the antenna and for processing status signals derived from the antenna to steer the antenna so that the antenna is locked onto encoded RF signals transmitted by the satellite, and for downconverting the encoded RF signals to provide downconverted RF signals that correspond to encoded television channels;

(c) a receiver coupled to the antenna controller to process the downconverted RF signals to obtain encoded output signals corresponding to the television channels;

C/ cont.

(d) a modulator coupled to the receiver for modulating the encoded output signals to provide modulated and encoded signals;

(e) a distribution system coupled to the modulator for distributing the modulated and encoded signals to each passenger's seat; and

(f) seat electronics circuitry coupled to the distribution system for demodulating, decoding and D/A converting the modulated and encoded signals into signals that are provided to said each passenger's seat,

wherein the receiver does not perform any decoding and does not perform any D/A converting of the downconverted RF signals obtained from the antenna controller.

11. (Amended) The system of claim 10, wherein the control signals are based on one of a GPS and an aircraft navigation system, and are not based on any signals output from the receiver.

12. (Amended) A method of providing a plurality of programming channels obtained from at least one satellite, to a plurality of passengers on an aircraft, said method comprising:

steering an antenna towards the at least one satellite;

downconverting encoded RF signals transmitted by the at least one satellite to provide encoded, polarized RF signals that correspond to a plurality of encoded programming channels;

processing the downconverted encoded RF signals to provide encoded video and audio output signals corresponding to the plurality of programming channels;

modulating the encoded video and audio signals;

distributing the modulated and encoded video and audio signals to a plurality of passenger seats;

receiving the modulated and encoded video and audio signals at each of the plurality of passenger seats; and

at the plurality of passenger seats, demodulating, decoding and D/A converting the modulated and encoded video and audio signals into signals that may be viewed and heard by a passenger at a seat,

C/ Cont.

Cl. 1 cont'd.

wherein no decoding and no D/A converting are performed by the downconverting step, the processing step, the modulating step, the distributing step, and the receiving step.

Also, please cancel claim 13 that was submitted by way of the reply filed April 20, 2001.